

CONFIDENTIAL

Release Date _____

SECRET

CECIL E. COPE #1 BRADSHAW
NW NE Sec. 34-T18N-R4E YAVAPAI CO. 550

COUNTY Yavapai AREA 15 mi. E.Sedona LEASE NO. Bradshaw Fee

WELL NAME Cecil E. Cope #1 Bradshaw (later Kin Oil Company)

LOCATION NW NE SEC 34 TWP 18N RANGE 4E FOOTAGE 660' FNL - 2310 FEL

ELEV 4480' GR KB SPUD DATE 4-28-71 STATUS P&A TOTAL 3203'
agrees w/log Butte Quad CED

CONTRACTOR Oakley & Hayes Drilling Company, Phx., Az Box 3945

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	<u>X</u>
<u>9"</u>	<u>90'</u>	<u>40 SKS</u>	<u>NA</u>	DRILLED BY CABLE TOOL	
				PRODUCTIVE RESERVOIR	<u>NA</u>
				INITIAL PRODUCTION	<u>Dry</u>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Miss.	446'		X	These tops are subject to question.
Dev.	524'		X	Wes Pierce picked tentative basement rocks at 1110 (see letter dated 10-5-71).

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
Dual Induction-Later log/ GRN, Formation Density, Neutron Porosity	NA	NA	SAMPLE DESCRP. SAMPLE NO. <u>1693(100-3200')</u> CORE ANALYSIS DSTs

REMARKS <u>Samples received from Mr. Cecil Cope</u>	APP. TO PLUG
<u>This is a water well</u>	PLUGGING REP.
	COMP. REPORT

WATER WELL ACCEPTED BY Robert Chapman Bradshaw

BOND CO. United States Fidelity & Guaranty BOND NO. 60-0130-838-71

BOND AMT. \$ 5,000 CANCELLED 5-10-77 DATE ORGANIZATION REPORT

FILING RECEIPT 2884 LOC. PLAT X WELL BOOK X PLAT BOOK X

API NO. 02-025-20011 DATE ISSUED 4-2-71 DEDICATION W/2 NE/4

PERMIT NUMBER 550

BRIEF STATE TEST			
NO.	FROM	TO	RESULTS
			NA

REMEDIAL HISTORY			
DATE STARTED - COMPLETED		WORK PERFORMED	NEW PERFORATIONS

ADDITIONAL INFORMATION

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG																	
DESIGNATE TYPE OF COMPLETION:																	
New Well	<input checked="" type="checkbox"/>	Work-Over	<input type="checkbox"/>	Deepen	<input type="checkbox"/>	Plug Back	<input type="checkbox"/>	Same Reservoir	<input type="checkbox"/>	Different Reservoir	<input type="checkbox"/>	Oil	<input type="checkbox"/>	Gas	<input type="checkbox"/>	Dry	<input checked="" type="checkbox"/>
DESCRIPTION OF WELL AND LEASE																	
Operator Cecil E. Cope						Address 20 E. Jefferson Phoenix, Ariz.											
Federal, State or Indian Lease Number or name of lessor if fee lease Bradshaw Fee						Well Number #1		Field & Reservoir									
Location 660 FNL & 2310 FEL						County Yavapai											
Sec. TWP-Range or Block & Survey Section 34 T18N R4E																	
Date spudded 4-28-71		Date total depth reached 4-28-72		Date completed, ready to produce		Elevation (DF, RCB, RT or Gr.) 4180 feet		Elevation of casing hd. flange feet									
Total depth 3203 Ft.		P.B.T.D.		Single, dual or triple completion?		If this is a dual or triple completion, furnish separate report for each completion.											
Producing interval (s) for this completion				Rotary tools used (interval) Total		Cable tools used (interval)											
Was this well directionally drilled?		Was directional survey made?		Was copy of directional survey filed?		Date filed											
Type of electrical or other logs run (check logs filed with the commission) 4 Schlumberger logs and 1 McCullough log						Date filed											
CASING RECORD																	
Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)																	
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled											
	9"			90' ft.	40	none											
TUBING RECORD																	
Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)										
PERFORATION RECORD																	
Number per ft.	Size & type	Depth Interval		ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD													
				Am't. & kind of material used		Depth Interval											
INITIAL PRODUCTION																	
Date of first production Dry Hole		Producing method (Indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)															
Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)											
Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio											
Disposition of gas (state whether vented, used for fuel or sold):																	
<p>CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Sole owner</u> of the _____ (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.</p> <p>Date <u>5-15-72</u> Signature <u>Cecil E. Cope</u></p>																	
<p>RECEIVED</p> <p>MAY 18 1972</p> <p>O & G CONS. COMM.</p>					<p>STATE OF ARIZONA</p> <p>OIL & GAS CONSERVATION COMMISSION</p> <p>Well Completion or Recompletion Report and Well Log</p> <p>File One Copy</p>												
Permit No. 550					Form No. 4												

DETAIL OF FORMATIONS PENETRATED			
Formation	Top	Bottom	Description
Miss. Dev.	446 524		
<p>These Tops are being subject to question -</p> <p>Was Pierce picked tentative basement rocks at 1110 (see letter dated 10-5-71)</p>			

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Rec completion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. 6

PLUGGING RECORD					
Operator Cecil E. Cope		Address 20 East Jefferson, Phoenix, Arizona			
Federal, State, or Indian Lease Number, or lessor's name if fee lease. Bradshaw Fee		Well No.		Field & Reservoir	
Location of Well 660 FNL & 2310 FEL		Section 34-T18N-R4E		County Yavapai	
Application to drill this well was filed in name of Cecil E. Cope		Has this well ever produced oil or gas No		Character of well at completion (initial production): Oil (bbls/day) Gas (MCF/day) Dry? None None Yes	
Date plugged: 4-29-72		Total depth 3206		Amount well producing when plugged: Oil (bbls/day) Gas (MCF/day) Water (bbls/day) None None None	
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging		Fluid content of each formation		Depth interval of each formation	
		Heavy mud from T.D. to		Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement	
		1200'			
		1200' to 1100'		12 sks	
		650' to 560'		28 sks	
CASING RECORD					
Size pipe 9"	Put in well (ft.) 90 ft.	Pulled out (ft.) None	Left in well (ft.) 90 ft.	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
Was well filled with mud-laden fluid, according to regulations?			Indicate deepest formation containing fresh water.		
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name		Address		Direction from this well:	
None					
In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.					
90 ft. plug placed from 650 to 560 with 28 sacks Portland Cement. Bob Bradshaw to take over for use as fresh water well.					
Use reverse side for additional detail.					
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Sole owner</u> of the _____ (company) and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.					
5-15-72 Date		<i>Cecil E. Cope</i> Signature			
RECEIVED					
<i>Appr.</i>		MAY 10 1972		STATE OF ARIZONA	
		O & G CONS. COMM.		OIL & GAS CONSERVATION COMMISSION	
Permit No. 550				Plugging Record	
				File One Copy	
				Form No. 10	

TO: Oil and Gas Conservation Commission
State of Arizona
1624 W. Adams, Room 202
Phoenix, Arizona 85007

This is to advise you that I accept the abandoned wildcat well, known as the
CECIL E. COPE #1 BRADSHAW FEE located on the NW/NE $\frac{1}{4}$ - $\frac{1}{4}$

of Section 34 Township 18N Range 4E, County of Yavapai
Arizona, as a water well to be used for domestic purposes.

Further, I accept full responsibility for the proper maintenance and use of
the above well, including final plugging, in full compliance with the Rules
and Regulations adopted by the Oil and Gas Conservation Commission.

I understand that I am responsible for compliance with the provisions of the
State Water Code, Chapter 1, Title 45, Arizona Revised Statutes and with any
applicable requirements of U.S. Geological Survey

Signature x Robert Chapman Bradshaw

Address _____

State of Arizona

County of Cochise

On this, the 16 day of August, 1972, before me, _____

John C. Webb, the undersigned officer, personally appeared

Robert Chapman Bradshaw, known to me (or satisfactorily proven)
to be the person whose name is subscribed to the within instrument and ack-
nowledged that he executed the same for the
purpose therein contained.

In witness whereof I hereunto set my hand and official seal.

Notary Public John C. Webb

My Commission expires 6-25-76

RECEIVED

R AUG 23 1972

OIL & GAS CON. COMM.

O & G CON. COMM.

RECEIVED

AUG 23 1972

O & G CON. COMM.

State of Arizona
OIL & GAS CONSERVATION COMMISSION
WATER WELL ACCEPTANCE
Form 26 - File one copy

Permit No. 550

May 8, 1973

Memo from W. E. Allen, Director
Enforcement Section

Memo to file: Cecil-Cope #1 Bradshaw Fee
NW/NE Sec 34-T18N-R4E
Yavapai County
File #550

Bob Stoll (not sure of spelling) called regarding the Cecil Cope well that was drilled at the above location. Mr. Stoll is connected with Sedona Productions, the group that is building the western movie set on the Bradshaw Ranch. Stoll's interest in the Cope well is for water only. According to Mr. Stoll, his lease with Bob Bradshaw guarantees him a water well for a movie set. Bradshaw assumed responsibility of the abandoned Cope well in order to convert this well to a water well. Supposedly, this well would furnish the water needed for the movie set. Mr. Stoll also told me that Cope's agreement with Bradshaw committed Cope to turn over to Bradshaw a hole that could be converted to a water well. As of today, the operators have been unable to make a water well from this abandoned hole. Now Stoll informs me that he is going to sue someone, just who, he did not say.

Stoll called me some time ago concerning his problem. At that time I sent him copies of the electric logs we have on file. I was told during this call that the contractor that was working on the well was having difficulty getting through the drilling mud in the hole and that there were no cement plugs in this well.

After Stoll called yesterday, I contacted Sid Manard (567-3617) of Camp Verde, the contractor attempting to convert this hole into a water well. He told me that they had encountered the cement plug at 710'. The plug was set at 650' - 560' with 28 sacks. I am unable to determine the reason for the differences in measurements unless after the cement was displaced, it traveled down the hole a short distance, this would be unusual, however. Mr. Manard told me that he had treated the well several times with a chemical called, Barfoss, in an effort to remove the mud from the formation. Dry ice has also been used to agitate the fluid in the hole. As of now, only a very small show of water has been indicated at 595'. Mr. Manard gave the impression that he was disgusted with the operation, that he was working blind and also that he doubts the hole is capable of producing an appreciable amount of water.

I suggested that Mr. Manard, Stoll, or someone contact Bill Strickland, a consultant geologist. (Strickland did some geological work on this well for Cope) I also offered Mr. Manard a copy of the logs we have on the well, if they would be of any aid to him.

July 18, 1972

Memo from W. E. Allen, Director
Enforcement Section

Memo to Cecil E. Cope #1 Bradshaw Fee
NW/NE Sec 34-T18N-R4E
Yavapai County
File #550

On July 11, 1972, in response to a telephone call from Mrs. Bradshaw to John Bannister, I visited with Bob Bradshaw to discuss the alleged plugging of the upper portion of the above referenced well by filling the hole with gel. Mr. Bradshaw seems to be of the opinion that ~~since~~^{after} this well was plugged back to approximately 600' with cement, that Claude Young filled the hole with gel. Personally I do not believe this to be the case. Bradshaw indicated to me that he had ~~filed~~^{not} some type of legal action against Cope. He also indicated that he would not allow Cope back on this location. Mr. Bradshaw was going to have Bob Stoll of Sedona Productions to come by the office and discuss this situation since apparently it is Sedona Productions that wants to use this hole as a water well. Bob Stoll called on the 17th of July and this situation was discussed with him. According to Stoll, Bradshaw is asking Cope for \$1,000 in damages and for Cope to clean the well out at Cope's expense to approximately 600' so it could be used as a water well.

I told Stoll that under the Rules and Regulations of this Commission and also under Arizona law, the only thing this Commission could do, would be to force Cope to complete the plugging of this hole, and that unless Cope and Bradshaw could reconcile their differences, the Commission would be forced to have Cope complete the plugging of this well. If Bradshaw attempted to prevent Cope from entering this location to complete the plugging, the Commission would take whatever steps might be necessary to enable Cope to comply with our plugging orders.

At Stoll's request, I called Mr. Cope and suggested that he try to reach some accommodation with Bradshaw in this matter, and if he could not, we would order the well plugged.

Stoll is to contact me on July 27 or 28 regarding this matter. If the situation has not been reconciled at this time, we will order the well plugged within 30 days.

C

7-10-72

Bill -

Marie Bradshaw (282-7385)
called re Cope Well.

According to her after
you checked plugging
operations - Claude
Young came back &
put "TONS" of bentonite
in well. ruining it for
water well. Bradshaw
said would cost \$1,000 to
clean out. E. said it has
not been accepted as
water well.

Maybe we'd better go
up to see —
we still have bond
Please advise JB

530

November 8, 1971

Memo from W. E. Allen, Director
Enforcement Section

Cecil E. Cope #1 Bradshaw Fee
NW/NE Sec-34-T18N-R4E
Yavapai County
Our File #550

We visited this location on November 3rd, 1971. They were making a trip at 1905', still in the same formation they had been drilling since just below 1100'. Claude Young said that they were going to attempt to go at least 1970'. In my opinion, they have practically reached the capacity of the rig on location. The rig has neither the power nor the equipment to drill very much deeper.

August 16, 1971

Memo from W. E. Allen, Director
Enforcement Division

Cecil E. Cope #1 Bradshaw Fee
NW/4 NE/4 Sec. 34-T18NR4E
Yavapai County
Our File #550

Visited this location on the 8th and 15th of 1971. They were drilling at 1240', examined sample from 1240' and it appeared to be of pre-cambrian. Talked with Claude Young, who was the operator's representative on location. They had a geologist, Bill Strickland, from Farmington, New Mexico, running samples from the well. Strickland had advised the operator that they were drilling pre-cambrian formations and to go any deeper would be futile, however, Young said that they were planning on drilling for at least another 3 days. Cecil Cope called regarding this well this morning. He indicated that they were of the opinion that the formation they are now in was an intrusive and perhaps when they were through, with this formation, they would re-enter sedimentary rocks.

July 27, 1971

Memo from W. E. Allen, Director
Enforcement Section

Memo to Cecil E. Cope #1 Bradshaw Fee
NW/4 NE/4 Sec. 34-T18N-R4E
Yavapai County
Our File #550

Cecil Cope called to report on operations on the above well. They are presently at 1110' and fishing for drill collars. There are five 5-5/8" drill collars in the hole. They recently laid down the original string of drill pipe because it was causing them trouble and substituted the original string with a string of rental drill pipe.

July 14, 1971

Memo from W. E. Allen

Memo to: Cecil E. Cope #1 Bradshaw Fee
NW/4 NE/4 Sec. 34-T18N-R24E
Yavapai County
Our File #550

On July 6, 1971, the above referenced well was drilling in lime and shale at 992'. Evidently the operator has some confidence that he will encounter some pay in this well. He has ~~indicated~~ installed a hydraulically controlled blow-out preventer.

April 30, 1971

Memo from W. E. Allen

Memo to: Cecil E. Cope #1 Bradshaw Fee
NW/4 NE/4 Sec. 34-T18N-R4E
Yavapai County
Our File #550

Spudded 8-3/4" hole Tuesday, April 27.

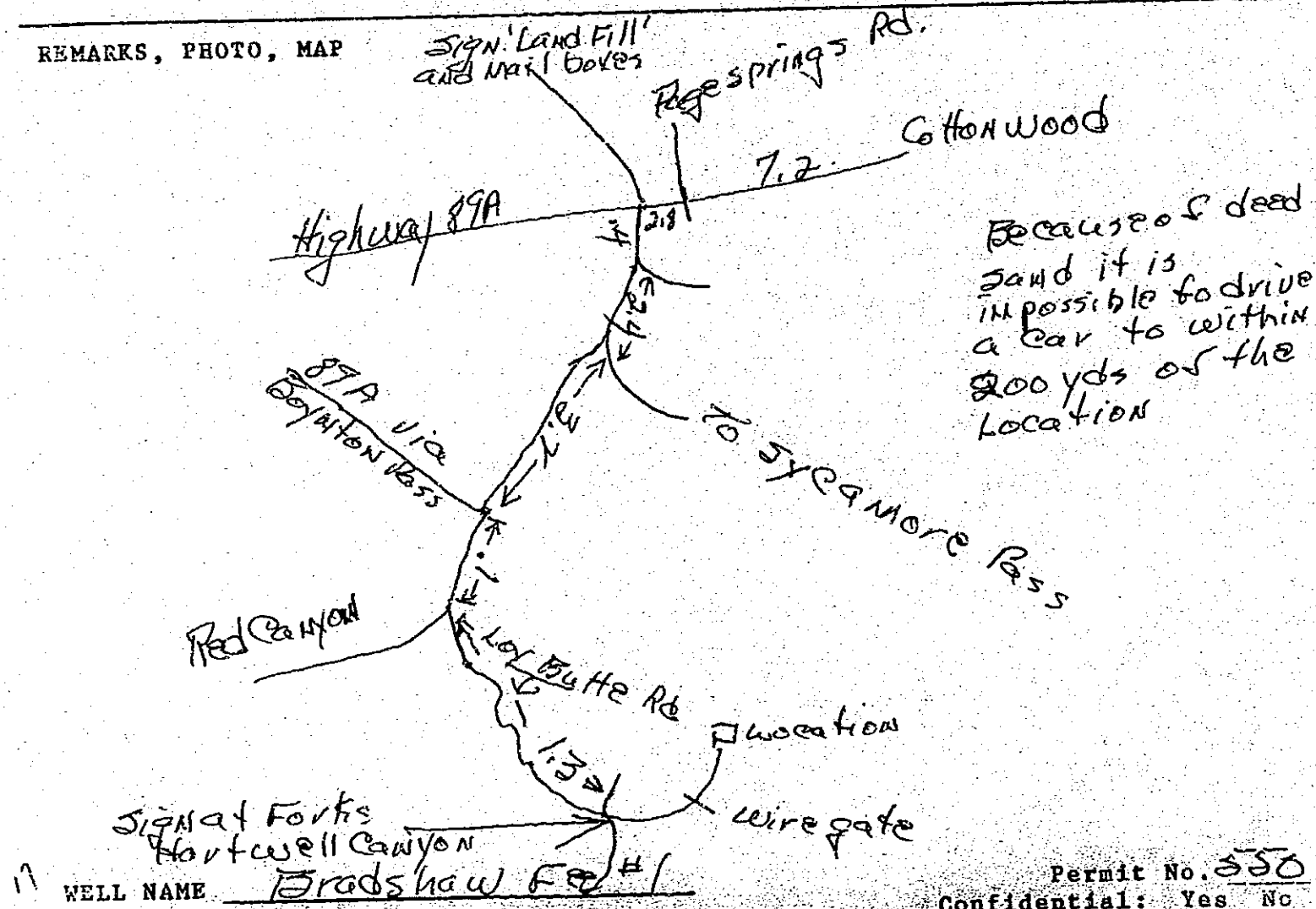
As of April 29, 4 p.m. drilling surface sands and
rock at 64'.

Present operation - waiting on repairs for rig.

WELL SITE CHECK

Contractor Oakley Drilling Co By W.G.Q.
 Spud date _____ Date 4-15-71
 Type Rig Maxwell Rotary ✓ Cable _____ Person(s) Contacted Jack Bradshaw
 Samples _____ Present Operations Waiting on water to spud
 Pipe _____ Drilling with Air _____ Mud ✓
 Water Zones _____ Size Hole 10 3/4
 Lost Circ. Zones _____ Size Drill Pipe 2 7/8
 Formation Tops _____ Type Bit _____
 Cores, Logs, DST _____ No. Bit _____ Drilling Rate _____
 Formation _____
 Crews _____ Lithology _____

REMARKS, PHOTO, MAP

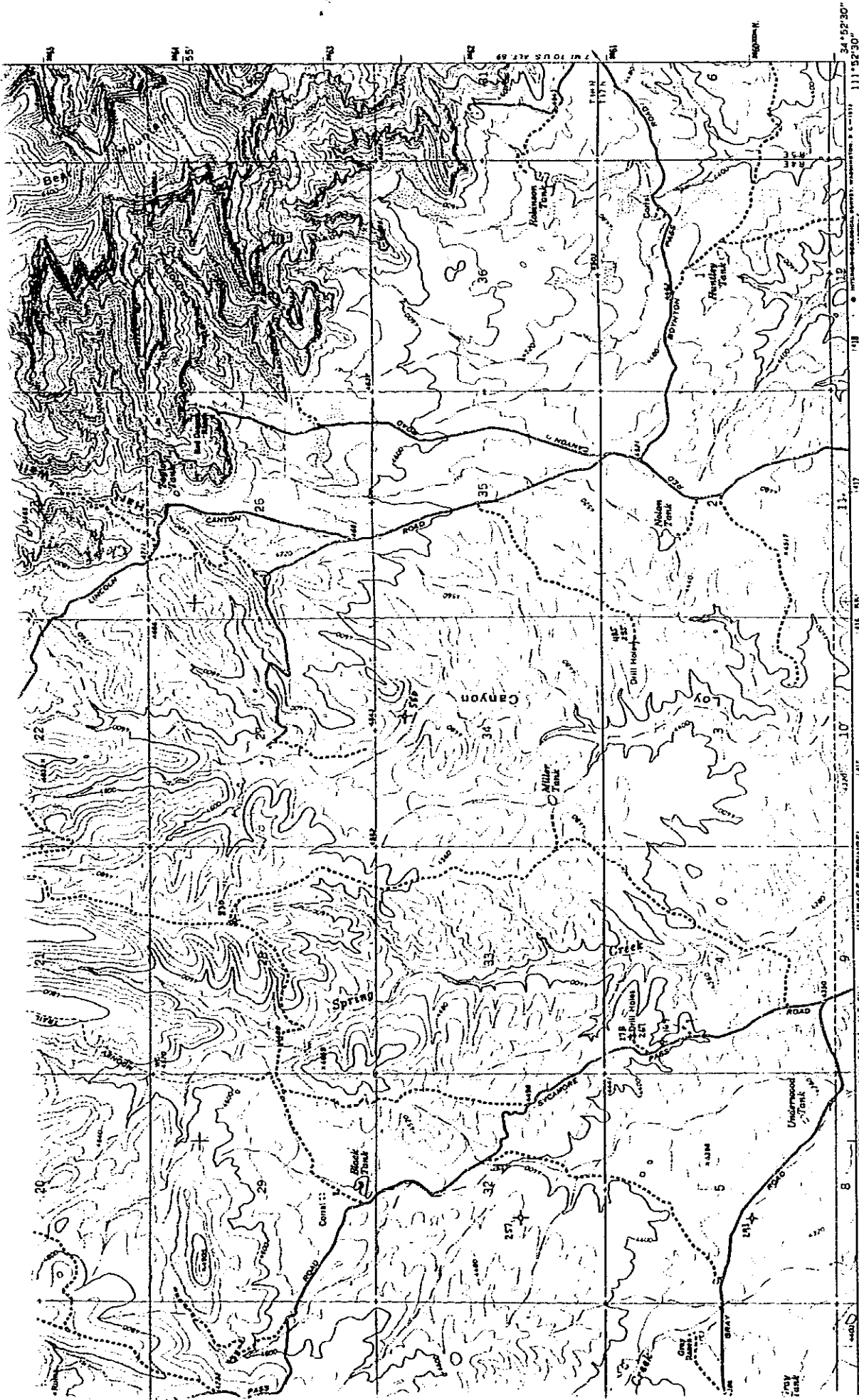


WELL NAME

Bradshaw F#1

Permit No. 350

Confidential: Yes No



ROAD CLASSIFICATION
 Light-duty road, all weather. Unimproved road, fair or dry weather.
 Improved surface. weather.



LOY BUTTE, ARIZ.
 N3452.5-W11152.5/7.5

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
 FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR WASHINGTON, D.C. 20542

UTM GRID AND 1970 MAGNETIC NORTH
 DECLINATION AT CENTER OF SHEET

Hartwell Canyon is priceless to nature buff

Hartwell Canyon, one of the newest preserves acquired by The Nature Conservancy in Arizona, intrigued me. I had never heard of it, and I've been around awhile.

I asked Bob Erb, new Central Arizona representative for TNC, about visiting Hartwell. We planned an exploratory hike to the remote canyon west of Oak Creek in the Red Rock country.

The Nature Conservancy recently received Hartwell as a gift from Bob and Mary Kittredge of Sedona with the provision that the Kittredges may continue to live in their home at the mouth of the canyon as long as they live.

Hartwell is a gem for several reasons, most importantly as a wildlife area because it harbors a substantial nesting population of peregrine falcons in the white cliffs that rim the upper canyon walls. It has some unusual Indian ruins and beautiful rock carvings.

Fifty acres were homesteaded in the early 1900s by Charles Rysinger, blocking off the mouth of the canyon. It received its name because a man named Hart dug an 80-foot well for Rysinger's 200 head of



12-25-87

**Ben
Avery**

cattle. The water had so much petroleum in it cattle wouldn't drink it.

Rysinger sold the 50 acres to Sam and Minnie Hunter of Missouri during the Depression for something like \$400. Hunter raised hogs in Missouri and hoped to do the same in Arizona. When he got to the little rock cabin at the mouth of Hopewell Canyon, he found nothing to feed hogs and no chance of a slop route.

Kittredge knocked on his door one night. Kittredge was trying to recruit members for the old Verde Valley Electric Co-op for \$5 so power could be brought to the rural residents of Verde-Sedona.

Hunter's response was that he wouldn't

"put another nickle into this worthless place, let alone \$5," and if he could just get his money out of it he would go back to Missouri to raise hogs. Kittredge paid \$600 for the 50-acre homestead. That was 50 years ago.

The Kittredges loved the canyon and set about building a place to live.

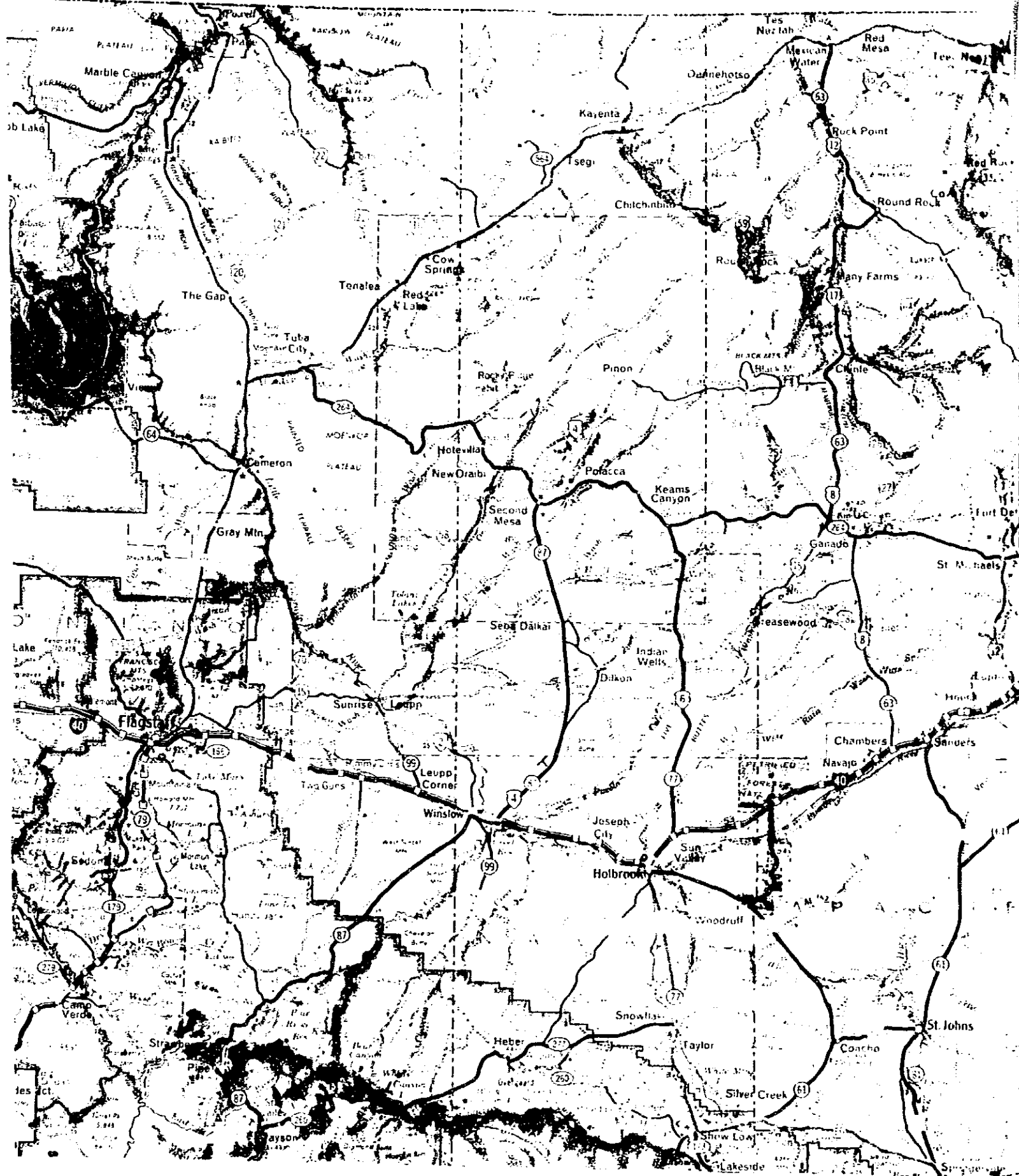
Everything was about finished when Kittredge realized he was 77 years old, and when the U.S. Forest Service tried to acquire the 50 acres so Hartwell Canyon could be turned over to ORVs, he started worrying about what would happen to the canyon after he and his wife were gone. That's when someone told him about how The Nature Conservancy acquires and preserves areas vital to wildlife.

The Canyon is a haven for mountain lion, bear, deer, small game and birds. It also has a wide variety of plants. We even found a Douglas fir among the pinon, juniper, oak and ponderosa pine. Water is scarce, but there is a spring-fed pool near the mouth of the 4-mile-long canyon.

A firm's conservative appraisal valued the 50-acre worthless homestead at \$750,000. For a nature buff, it is priceless.

Cecil Cope Bradshaw #1 (550)
 Hwy 89A F/Cottonwood Turn Left 1.7 miles past Page Springs Rd.
 Keep right for 5.9 miles then keep left to location.
 Red line on map below indicates road to follow. Short green
 lines indicate roads leading to ranches, canyons etc.

Location



APPLICATION FOR PERMIT TO DRILL OR RE-ENTER <small>APPLICATION TO DRILL <input checked="" type="checkbox"/> RE-ENTER OLD WELL <input type="checkbox"/></small>			
Cecil E. Cope			
NAME OF COMPANY OR OPERATOR			
20 E. Jefferson St. Phx. Arizona 85030			
Address			
Oakley and Hays Drilling Company			
Drilling Contractor			
Box 3945 Phx., Ariz. 85030			
Address			
DESCRIPTION OF WELL AND LEASE			
Federal, State or Indian Lease Number, or if fee lease, name of lessor Bob Bradshaw		Well number Elevation (ground) 1 4480	
Nearest distance from proposed location to property or lease line: 330 feet		Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: None feet	
Number of acres in lease: 127.5		Number of wells on lease, including this well, completed in or drilling to this reservoir: None	
If lease, purchased with one or more wells drilled, from whom purchased:			
Name		Address	
Well location (give footage from section lines) 660' NW 1/4, 2310' EL		Section—township—range or block and survey Dedication (Comply with Rule 105) Sec. 34 T18N R4E G&SRB& W/2 NE/4	
Field and reservoir (if wildcat, so state) Wildcat		County Yavapai	
Distance, in miles, and direction from nearest town or post office 15 miles east of Sedona Arizona			
Proposed depth: Strat test 3500'		Rotary or cable tools Rotary	
Bond Status Attached		Approx. date work will start 4/6/71	
Amount 5,000.00		Filing Fee of \$25.00 Attached Attached	
Remarks: Seven-inch surface casing will be set at approximately 400 feet and cemented to surface. 4-1/2" production string, if required, will be set at approximately 3500'.			
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>sole-owner</u> of the _____ (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.			
RECEIVED APR 02 1971 O & G CONS. COMM.		Signature <u>Cecil E. Cope</u> Date <u>4/2/71</u>	
Permit Number: <u>550</u> 550		STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Application to Drill or Re-enter File Two Copies	
Approval Date: <u>4-2-71</u>		Approved By: <u>[Signature]</u>	
Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.			
Form No. 3			

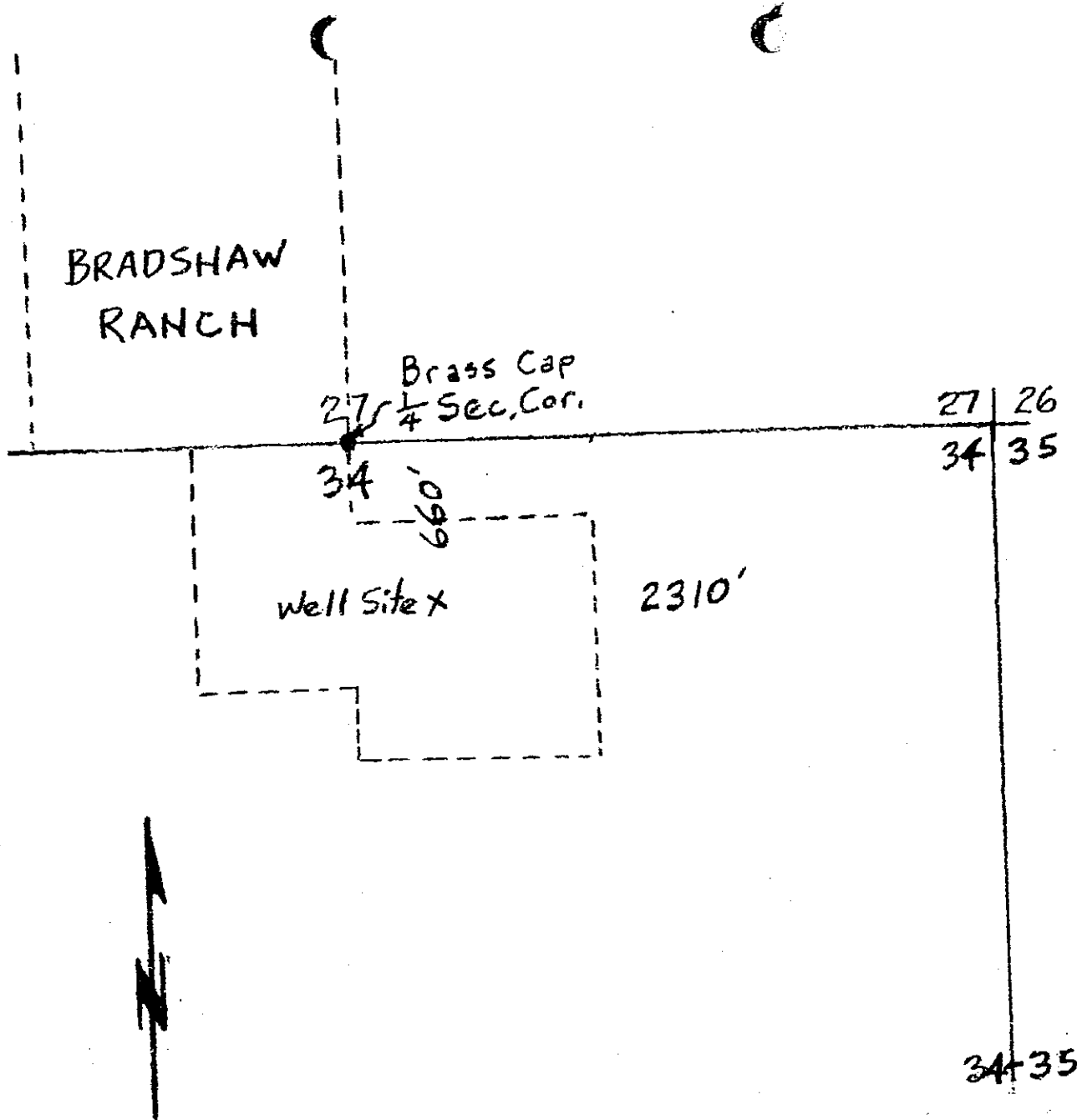
(Complete Reverse Side)

1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
3. All distances shown on the plat must be from the outer boundaries of the Section.
4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ☐
5. If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ☐ NO ☐ If answer is "yes," Type of Consolidation _____
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> </div> <div style="width: 50%; padding-left: 10px;"> <p>CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p>Name _____</p> <p>Position _____</p> <p>Company _____</p> <p>Date _____</p> <p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p>Date Surveyed _____</p> <p>Registered Professional Engineer and/or Land Surveyor _____</p> <p>Certificate No. _____</p> </div> </div>	

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement



WELL SITE
 BRADSHAW RANCH & G CONS. COMM.
 660' FNL, 2310' FEL SEC. 34
 IN NW 1/4 NE 1/4 SEC. 34, T18N, R
 4 E, G&SRB&M, YAVAPAI
 COUNTY, ARIZONA
 SCALE: 1" = 1/8 MI. ELEV. 4480

RECEIVED
 APR 02 1971



LEROY C. GABEREL, P.E.
 SEDONA, ARIZONA

550



PERMIT TO DRILL

This constitutes the permission and authority from the

OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: CECIL E. COPE
(OPERATOR)

to drill a well to be known as

CECIL E. COPE #1 BRADSHAW
(WELL NAME)

located 660' FNL - 2310' FEL

Section 34 Township 18N Range 4E, YAVAPAI County, Arizona.

The W/2 NE/4 of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 2nd day of APRIL, 19 71.

PRIOR TO BEING ALLOWED TO PRODUCE THIS WELL
YOU MUST BE IN FULL COMPLIANCE WITH RULE
105, SECTION A THRU G (SPACING), WITH RESPECT
TO THE PRODUCT TO BE PRODUCED.

OIL AND GAS CONSERVATION COMMISSION

By John Bannister
EXECUTIVE SECRETARY

PERMIT No 550

RECEIPT NO. 2884
API NO. 02-025-20011

State of Arizona
Oil & Gas Conservation Commission

Permit to Drill

FORM NO. 27

SAMPLES ARE REQUIRED



THE UNIVERSITY OF ARIZONA

TUCSON, ARIZONA 85721

ARIZONA BUREAU OF MINES

TEL. (602) 884-2733

October 5, 1971

Mr. Cecil Cope
C & G Jewelers
20 East Jefferson Street
Phoenix, Arizona 85004

Dear Mr. Cope:

The Arizona Bureau of Mines appreciates your delivering a partial set of drill cuttings from the Cecil Cope Bradshaw Fee #1, NW NE Section 34, T.18N-R.4E, Yavapai County, Arizona. You asked if I would render an opinion on the nature of the rock section penetrated by the hole. With the understanding that the only information available to me is that derived from the delivered samples, I should be pleased to comment.

Perhaps I should begin at the bottom and work up the hole. The deepest sample examined, as indicated on the sample envelope, is 1580 feet. The material in the envelope consists largely of dark, crystalline, pyritic rock fragments of a type commonly observed in basement rocks near Jerome. I believe that you said that someone had suggested "dolomite" because of the bubbling reaction to muriatic acid. This is explained by the fact that the sample contains contamination from the carbonate rocks higher in the hole. The basement material is topped at about 1110 feet. You had suggested that the Tapeats Sandstone might not have been penetrated. It is my belief that the Tapeats is present in the approximate interval 1040-1110 feet. This interval is represented in the samples by rounded sand grains with red iron oxide coatings typical of the Tapeats.

I think that the above comments relate to your principal concerns. I will not comment about anything higher in the hole because the samples show a pebble zone within the Devonian Martin Formation interval that I do not understand. I am sure that it is not Martin; therefore, I am at a loss to explain its presence.

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D & G CONS. COMM.

550

Mr. Cecil Cope

Page 2

October 5, 1971

I do hope that you find this responsive to your questions. Again, we thank you for bringing the samples -- they will be added to our sample repository.

Sincerely,

H. Wesley Peirce
Geologist

HWP:djm

cc: Bill Allen ✓
Dr. W. H. Drescher

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. 60-0130-838-71

That we: Cecil Eugene Cope

of the County of Maricopa in the State of Arizona

as principal, and UNITED STATES FIDELITY & GUARANTY COMPANY

of Baltimore, Maryland

AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of FIVE THOUSAND AND NO/100----- lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation are that, whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to-wit:

Township 18 North, Range 4 East, G.&S.R. Meridian: Sec. 27 & 34 Patent #1105454
(May be used as blanket bond or for single well) 12.50 acres

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the Commission, especially with reference to the requirements of A.R.S. § 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil and Gas Conservation Commission all notices and records required by said Commission, then in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation; but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 2nd day of April, 1971

Betty J. Cope
X Cecil E. Cope
Principal

WITNESS our hands and seals this 2nd day of April, 1971

UNITED STATES FIDELITY & GUARANTY COMPANY

William E. Shimer
Surety, Resident Arizona Agent

William E. Shimer, Attorney-in-Fact

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved Date: 4-2-71
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: [Signature]

Permit No. 550

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
CANCELLED
DATE 5-10-72

CERTIFIED COPY

GENERAL POWER OF ATTORNEY

No. 77085

Know all Men by these Presents:

That UNITED STATES FIDELITY AND GUARANTY COMPANY, a corporation organized and existing under the laws of the State of Maryland, and having its principal office at the City of Baltimore, in the State of Maryland, does hereby constitute and appoint
William E. Shimer

of the City of Phoenix, State of Arizona
its true and lawful attorney ~~XXXXXXXXXXXX~~

for the following purposes, to wit:

To sign its name as surety to, and to execute, seal and acknowledge any and all bonds, and to respectively do and perform any and all acts and things set forth in the resolution of the Board of Directors of the said UNITED STATES FIDELITY AND GUARANTY COMPANY, a certified copy of which is hereto annexed and made a part of this Power of Attorney; and the said UNITED STATES FIDELITY AND GUARANTY COMPANY, through us, its Board of Directors, hereby ratifies and confirms all and whatsoever the said

William E. Shimer

may lawfully do in the premises by virtue of these presents.

In Witness Whereof, the said UNITED STATES FIDELITY AND GUARANTY COMPANY has caused this instrument to be sealed with its corporate seal, duly attested by the signatures of its Vice-President and Assistant Secretary, this 24th day of August, A. D. 1965

UNITED STATES FIDELITY AND GUARANTY COMPANY.
C. S. Adams, Jr.

(Signed) By.....
Vice-President.

(SEAL) (Signed) A. W. Griffith
Assistant Secretary.

STATE OF MARYLAND, }
BALTIMORE CITY, }

ss:

On this 24th day of August, A. D. 1965, before me personally came C. S. Adams, Jr., Vice-President of the UNITED STATES FIDELITY AND GUARANTY COMPANY and A. W. Griffith, Assistant Secretary of said Company, with both of whom I am personally acquainted, who being by me severally duly sworn, said that they resided in the City of Baltimore, Maryland; that they, the said C. S. Adams, Jr. and A. W. Griffith were respectively the Vice-President and the Assistant Secretary of the said UNITED STATES FIDELITY AND GUARANTY COMPANY, the corporation described in and which executed the foregoing Power of Attorney; that they each knew the seal of said corporation; that the seal affixed to said Power of Attorney was such corporate seal, that it was so fixed by order of the Board of Directors of said corporation, and that they signed their names thereto by like order as Vice-President and Assistant Secretary, respectively, of the Company.

My commission expires the first day in July, A. D. 1967.

(SEAL) (Signed) Anne M. O'Brien
Notary Public.

STATE OF MARYLAND }
BALTIMORE CITY, }

Sct.

I, James F. Carney, Clerk of the Superior Court of Baltimore City, which Court is a Court of Record, and has a seal, do hereby certify that Anne M. O'Brien, Esquire, before whom the annexed affidavits were made, and who has thereto subscribed his name, was at the time of so doing a Notary Public of the State of Maryland, in and for the City of Baltimore, duly commissioned and sworn and authorized by law to administer oaths and take acknowledgments, or proof of deeds to be recorded therein. I further certify that I am acquainted with the handwriting of the said Notary, and verily believe the signature to be his genuine signature.

In Testimony Whereof, I hereto set my hand and affix the seal of the Superior Court of Baltimore City, the same being a Court of Record, this 24th day of August, A. D. 1965

(SEAL) (Signed) James F. Carney
Clerk of the Superior Court of Baltimore City.

COPY OF RESOLUTION

That Whereas, it is necessary for the effectual transaction of business that this Company appoint agents and attorneys with power and authority to act for it and in its name in States other than Maryland, and in the Territories of the United States and in the Provinces of the Dominion of Canada and in the Colony of Newfoundland.

Therefore, be it Resolved, that this Company do, and it hereby does, authorize and empower its President or either of its Vice-Presidents in conjunction with its Secretary or one of its Assistant Secretaries, under its corporate seal, to appoint any person or persons as attorney or attorneys-in-fact, or agent or agents of said Company, in its name and as its act, to execute and deliver any and all contracts guaranteeing the fidelity of persons holding positions of public or private trust, guaranteeing the performances of contracts other than insurance policies and executing or guaranteeing bonds and undertakings, required or permitted in all actions or proceedings, or by law allowed, and

Also, in its name and as its attorney or attorneys-in-fact, or agent or agents to execute and guarantee the conditions of any and all bonds, recognizances, obligations, stipulations, undertakings or anything in the nature of either of the same, which are or may by law, municipal or otherwise, or by any Statute of the United States or of any State or Territory of the United States or of the Provinces of the Dominion of Canada or of the Colony of Newfoundland, or by the rules, regulations, orders, customs, practice or discretion of any board, body, organization, office or officer, local, municipal or otherwise, be allowed, required or permitted to be executed, made, taken, given, tendered, accepted, filed or recorded for the security or protection of, by or for any person or persons, corporation, body, office, interest, municipality or other association or organization whatsoever, in any and all capacities whatsoever, conditioned for the doing or not doing of anything or any conditions which may be provided for in any such bond, recognizance, obligation, stipulation, or undertaking, or anything in the nature of either of the same.

I, **Mark F. Boyer**, an Assistant Secretary of the UNITED STATES FIDELITY AND GUARANTY COMPANY, do hereby certify that the foregoing is a full, true and correct copy of the original power of attorney given by said Company to **William E. Shimer**

of **Phoenix, Arizona**, authorizing and empowering **him** to sign bonds as therein set forth, which power of attorney has never been revoked and is still in full force and effect.

And I do further certify that said Power of Attorney was given in pursuance of a resolution adopted at a regular meeting of the Board of Directors of said Company, duly called and held at the office of the Company in the City of Baltimore, on the 11th day of July, 1910, at which meeting a quorum of the Board of Directors was present, and that the foregoing is a true and correct copy of said resolution, and the whole thereof as recorded in the minutes of said meeting.

In Testimony Whereof, I have hereunto set my hand and the seal of the UNITED STATES FIDELITY AND GUARANTY COMPANY on **April 2, 1971**
(Date)

Mark F. Boyer

Assistant Secretary.

FORM 88 MODIFIED

OIL AND GAS LEASE

3rd day of March

1971

THIS AGREEMENT, entered into this 3rd day of March, 1971,

between Bob Bradshaw

hereinafter called lessor

(whether one or more), and Cecil E. Cope
hereinafter called lessee,

One hundred and thirty - - - - - DOLLARS (\$130.00)

1. That the lessor, for and in consideration of the sum of One hundred and thirty Dollars (\$130.00) cash in hand paid, the receipt of which is hereby acknowledged, and for the purposes hereinafter contained to be performed by the lessor, has granted, demised, leased and let and hereby agrees to grant, demise, lease and let to said lessee, for the purpose of mining, exploring by geophysical and other methods, and operating and producing therefrom oil, gas or other hydrocarbon fluids of kind, casinghead gas and casinghead gasoline.

and including any and all equipment, appliances and machinery that may be useful, necessary or convenient to produce, save, take care of, store and manufacture oil, gas or casinghead gasoline, or to carry out the other purposes hereinbefore set out for the production, saving, taking care of, storing and manufacturing with other land, the following described tract of land in

Yavapai

Arizona

Township 18 North, Range

4 East, G. & S.R. Meridian; Sections 27 and 34, Patent No. 1105454; 127.50 acres

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O & G. CONS. COMM. or less

in Section 27, Township 18 North, Range 4 East, G. & S.R. Meridian, and containing as long thereafter as oil, gas, casinghead gas, casinghead gasoline or any of them is produced from the leased premises or operations on said premises are continued

2. It is agreed that this lease shall terminate on the 3rd day of May, 1971, unless operations on said premises are continued

3. The lessee shall deliver to the owner of the land, or to the owner of the pipe line to which lessee may connect its wells the equal one-eighth (1/8th) part of all oil produced and saved from the leased premises or by lessee's option, may pay to the lessor for such one-eighth (1/8th) royalty the market price for oil of like grade and gravity prevailing on the day when it is sold into pipe line or into storage tanks.

4. The lessee shall pay the royalty as follows:

(a) If sold by lessee, one-eighth (1/8th) of the proceeds received by the lessee from the sale of any of whatever nature or kind, including casinghead gas produced from any well; or

(b) If utilized by lessee one-eighth (1/8th) of the value of the output of the well, computed at the prevailing market price, of the gas of whatever nature or kind, including casinghead gas produced from any well and used by lessee off the leased premises for any purpose, or used on the leased premises by the lessee for purposes other than the production and operation thereof.

Such payments shall be received and accepted by lessee as full compensation for gas of whatever nature or kind, casinghead gas, gasoline or any by-product extracted or manufactured therefrom, as well as residue gas remaining after the extraction or manufacture of gasoline from such gas. The lessor to have gas free of cost from any gas well on the leased premises where dry gas only is found for all stoves and inside lights in the principal dwelling house on said premises by making his own connection to said well; such connection, the necessary fittings and pipe shall be furnished and maintained by lessor free from leaks and all without cost, expense or risk to lessee. The use of said gas by lessor at all times shall be at his sole risk.

5. In the event that no earned royalty on oil, gas of whatever nature or kind, or casinghead gas is accruing to the lessor under the terms hereof, the lessee shall pay the lessor at the rate of fifty Dollars (\$50.00) per acre, annually, on each full acre where gas only is found, and while said gas is not used or sold and during the time said sum is so paid said well shall be held to be a producing well under paragraph two (2) hereof.

6. If operations for the drilling of a well for oil or gas are not commenced on the leased premises on or before the 3rd day of May, 1971, this lease shall terminate as to both parties.

7. Driller will case and leave as a water well if oil or gas is not produced. Driller will not delete water in well at windmill. There will be a sixty (60) day time limit for drilling at each location on ranch. All improvements on roads and excavating and grading to be OK'd by Bob Bradshaw. Drilling sites on National Forest or roads leading to drilling sites will not be placed where they are visible from Bradshaw land without being OK'd by Bradshaw. In the event that the Lessee does delete water at the windmill, Lessee will drill a new producing well and provide adequate means of pumping the water at a location chosen by Lessor Cecil Cope or Roadrunner Petroleum will not sell or transfer this lease without the express permission of the Lessor. In the event Lessee does not locate a producing well on the leased premises by July 3, 1971, this lease will terminate in its entirety.

10. The lessee shall have the right to use, free of cost, gas, oil and water produced on said land for its operations thereon, except water from the wells of the lessor. When required by lessor, the lessee shall bury pipe lines below plow depth and shall pay for damage caused by its operations to growing crops on said land. No well shall be drilled nearer than two hundred feet (200') to the house or barn now on said premises without written consent of the lessor. Lessee shall have the right at any time during or ninety (90) days after expiration of this lease to remove all machinery, fixtures, houses, buildings and other structures placed on said premises, including the right to crawl and remove all casing.

11. If the oil, gas of whatever nature or kind, or other mineral rights under the leased premises are now owned or shall hereafter be owned in severally or in separate tracts, the premises nevertheless shall be developed and operated as one lease and all royalties accruing hereunder shall be treated as an entirety and shall be divided among and paid to such separate owners in the proportion that said oil, gas or other mineral rights owned by each bears to the entire oil, gas or other mineral rights leased hereby. There shall be no obligation on the part of the lessee to offset wells on separate tracts into which the premises covered hereby may be hereafter divided as to the surface, oil, gas or other mineral rights by sale, devise or otherwise, or to furnish separate measuring or receiving tanks, or to make any separate accounting based on any such divided ownership.

12. If the estate of either party hereto is assigned, and the privilege of assigning in whole or in part is expressly allowed, the covenants hereof shall extend to their heirs, executors, administrators, successors or assigns; but no change in ownership of the land or assignment of rentals shall be binding upon the lessee until after the lessee has been furnished with the original recorded transfer or assignment or a true copy thereof; and it is hereby agreed that in the event this lease shall be assigned as to a part or parts of the above described lands and the owner or holder of said lease or any interest therein covering any part of said lands shall fail or make default in the payment of the proportionate part of the rents due from him or them, such default shall not operate to defeat or affect this lease in so far as it covers a part or parts of the lands as to which the said lessee or any assignee thereof shall make due payment of a proportionate part of the said rental. If at any time there be two or more parties entitled to rentals or royalties, lessee may withhold payments thereof unless and until all parties designate, in writing, by a reasonable instrument to be filed with the lessor, a common agent to receive all payments due hereunder, and execute division and transfer orders on behalf of said parties and their respective successors in title.

14. Compliance with any now or hereafter existing law purporting to be enacted by Federal or State Legislative authority, or with orders, judgments, decrees or regulations made or promulgated by State or Federal courts, State or Federal officers, boards, commissions or committees, purporting to be made under authority of law, shall not constitute a violation of the terms of this lease or be considered a breach of any obligation herein, nor shall it constitute a cause for the termination, forfeiture, reversion or reversal of any estate or interest hereby created, nor shall compliance confer any right of entry or become the basis of an action for damages or suit for the forfeiture or cancellation hereof, and while any such purport to be in force and effect they shall, when complied with, to the extent of such compliance, operate as a modification of the terms and conditions of this lease where inconsistent therewith.

15. Notwithstanding anything in this lease contained to the contrary, it is expressly agreed that during the primary term of this lease, or at any time thereafter that this lease is in force by the production of oil, gas or casinghead gas or casinghead gasoline after such primary term, if the lessee shall commence drilling operations during either of said periods, it shall remain in full force and effect and its term shall continue as long as such operations are prosecuted and if production results therefrom, then as long thereafter as such production continues.

17. Lessee may at any time surrender this lease as to all or any part of said land by delivering or mailing a release thereof to the lessor, or by placing a release thereof of record in the proper county.

18. Lessor hereby warrants and agrees to defend the title to the land herein described and agrees that the lessee, at its option, may pay and discharge any taxes, mortgages, or other liens existing, levied or assessed on or against the above described lands and, in the event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and may reimburse itself by applying to the discharge of any such mortgage, tax or other lien any royalty or rentals accruing hereunder.

19. The undersigned lessors, for themselves and their heirs, successors and assigns, hereby surrender and release all right of dower and homestead in the premises herein described, in so far as said right of dower and homestead may in any way affect the purposes for which the lease is made, as recited herein.

20. This lease and all its terms, conditions and stipulations shall extend to and be binding on the assignees, heirs, devisees and successors of lessor or lessee.

IN TESTIMONY WHEREOF, we sign this the 3rd day of March, 1971.

WITNESS:
Cecil E. Cope
Bob Bradshaw
Marie Bradshaw

Oliver P. Gundy
Oliver P. Gundy
Oliver P. Gundy
(SEAL)
(SEAL)
(SEAL)

FORM 88 MODIFIED

OIL AND GAS LEASE

3rd day of March, 1971

THIS AGREEMENT, entered into this 3rd day of March, 1971

between Bob Bradshaw

hereinafter called lessor

(twelfth one or more), and Cecil E. Cope
hereinafter called lessee, do hereby agree:

One hundred and thirty - - - - - DOLLARS (\$ 130.00)

1. That the lessor, for and in consideration of the sum of One hundred and thirty Dollars (\$ 130.00) cash in hand paid, the receipt of which is hereby acknowledged, and of the covenants and agreements hereinafter contained to be performed by the lessee, has granted, demised, leased and let and hereby does grant, demise, lease and let unto said lessee, for the purpose of mining, exploring by geophysical and other methods, and operating and producing therefrom oil, gas or whatever nature or kind, casinghead gas and casinghead gasoline,

and including any and all equipment, apparatus and machinery that may be useful, necessary or convenient to produce, save, take care of, store and manufacture oil, gas or casinghead gasoline, or to carry out the other purposes hereinbefore set out for the economical operation alone or conjointly with other land, the following described tract of land in

Yavapai County, State of Arizona to wit: Township 18 North, Range 4 East, G. & S.R. Meridian; Sections 27 and 34, Patent No. 1105454; 127.50 acres

2. It is agreed that this lease shall remain in force as long thereafter as oil, gas, casinghead gas, casinghead gasoline or any of them is produced from said leased premises or operations for drilling are continued.

3. The lessee shall deliver to the credit of the lessor as royalty, free of cost, in the pipe line to which lessee may connect its wells the equal one-eighth (1/8th) part of all oil produced and saved from the leased premises, or at lessee's option, may pay to the lessor for such one-eighth (1/8th) royalty the market price for oil of like grade and gravity prevailing on the day such oil is run into pipe line or into storage tanks.

4. The lessee shall pay the lessor:

(a) If sold by lessee, one-eighth (1/8th) of the proceeds received by the lessee from the sale of gas of whatever nature or kind, including casinghead gas produced from any well, or

(b) If utilized by lessee one-eighth (1/8th) of the value at the mouth of the well, computed at the prevailing market price, of the gas of whatever nature or kind, including casinghead gas produced from any well and used by lessee off the leased premises for any purpose, or used on the leased premises by the lessee for purposes other than the development and operation thereof.

Such payments shall be received and accepted by lessor as full compensation for gas of whatever nature or kind, casinghead gas, gasoline or any by-product extracted or manufactured therefrom, no well as residue gas remaining after the extraction or manufacture of gasoline from such gas. The lessor to have gas free of cost from any gas well on the leased premises where dry gas only is found for all stoves and inside lights in the principal dwelling house on said premises by making his own connection to said well; such connection, the necessary fittings and pipe shall be furnished and maintained by lessor free from leaks and all without cost, expense or risk to lessee. The use of said gas by lessor at all times shall be at his sole risk.

5. In the event that no earned royalty on oil, gas or whatever nature or kind, or casinghead gas is accruing to the lessor under the terms hereof, the lessee shall pay the lessor at the rate of Fifty Dollars (\$50.00) per year, payable annually, on each well where gas only is found, and while said gas is not used or sold and during the time said sum is so paid said well shall be held to be a producing well under paragraph two (2) hereof.

6. If operations for the drilling of a well for oil or gas are not commenced on the leased premises on or before the 3rd day of May 1971, this lease shall terminate as to both parties.

7. Driller will case and leave as a water well if oil or gas is not produced. Driller will not delete water in well at windmill. There will be a sixty (60) day time limit for drilling at each location on ranch. All improvements on roads and excavating and grading to be OK'd by Bob Bradshaw. Drilling sites on National Forest or roads leading to drilling sites will not be placed where they are visible from Bradshaw land without being OK'd by Bradshaw. In the event that the Lessee does delete water at the windmill, Lessee will drill a new producing well and provide adequate means of pumping the water at a location chosen by Lessor Cecil Cope or Roadrunner Petroleum will not sell or transfer this lease without the express permission of the Lessor. In the event Lessee does not locate a producing well on the leased premises by July 3, 1971, this lease will terminate in its entirety.

10. The lessee shall have the right to use, free of cost, gas, oil and water produced on said land for its operations thereon, except water from the wells of the lessor. When required by lessor, the lessee shall bury pipe lines below plow depth and shall pay for damage caused by its operations to growing crops on said land. No well shall be drilled nearer than two hundred feet (200') to the house or barn now on said premises without written consent of the lessor. Lessee shall have the right at any time during or ninety (90) days after expiration of this lease to remove all machinery, fixtures, houses, buildings and other structures placed on said premises, including the right to graze and remove all cactus.

11. If the oil, gas or whatever nature or kind, or other mineral rights under the leased premises are now owned or shall hereafter be owned in severally or in separate tracts, the premises nevertheless shall be developed and operated as one lease and all royalties accruing hereunder shall be treated as an entirety and shall be divided among and paid to such separate owners in the proportion that said oil, gas or other mineral rights owned by each bears to the entire oil, gas or other mineral rights leased hereby. There shall be no obligation on the part of the lessee to offset wells on separate tracts into which the premises covered hereby may be hereafter divided as to the surface, oil, gas or other mineral rights by sale, devise or otherwise, or to furnish separate measuring or receiving tanks, or to make any separate accounting based on any such divided ownership.

12. If the estate of either party hereto is assigned, and the privilege of assigning in whole or in part is expressly allowed, the covenants hereof shall extend to their heirs, executors, administrators, successors or assigns, but no change in ownership of the land or assignment of rentals shall be binding upon the lessee until after the lessor has been furnished with the original recorded transfer or assignment or a true copy thereof; and it is hereby agreed that in the event this lease shall be assigned as to a part or parts of the above described lands and the owner or holder of said lease or any interest therein covering any part of said lands shall fail or make default in the payment of the proportionate part of the rents due from him or them, such default shall not operate to defeat or affect this lease in so far as it covers a part or parts of said lands as to which the said lease or any assignee thereof shall make due payment of a proportionate part of the said rental. If at any time there is a default in the payment of rentals or royalties, lessee may withhold payment thereof unless and until all parties designate, in writing, in a separate instrument to be filed with the lessor, a common agent to receive all payments due hereunder, and execute division and transfer orders on behalf of said parties, and their respective successors in title.

14. Compliance with any now or hereafter existing law purporting to be enacted by Federal or State legislative authority, or with orders, judgments, decrees or regulations made or promulgated by State or Federal courts, State or Federal officers, boards, commissions or committees, purporting to be made under authority of law, shall not constitute a violation of the terms of this lease or be considered a breach of any obligation herein, nor shall it constitute a cause for the termination, forfeiture, reversion or reversal of any estate or interest hereby created, nor shall compliance confer any right of entry or become the basis of an action for damages or suit for the forfeiture or cancellation hereof, and while any such purpose to be in force and effect they shall, when complied with, to the extent of such compliance, operate as a modification of the terms and conditions of this lease where inconsistent therewith.

15. Notwithstanding anything to this lease contained to the contrary, it is expressly agreed that during the primary term of this lease, or at any time thereafter that this lease is in force by the production of oil, gas or casinghead gas or casinghead gasoline after such primary term, if the lessee shall commence drilling operations during either of said periods, it shall remain in full force and effect and its term shall continue as long as such operations are prosecuted and if production results therefrom, then as long thereafter as such production continues.

17. Lessee may at any time surrender this lease as to all or any part of said land by delivering or mailing a release thereof to the lessor, or by placing a release thereof of record in the proper county.

18. Lessor hereby warrants and agrees to defend the title to the land herein described and agrees that the lessee, at its option, may pay and discharge any taxes, mortgages, or other liens existing, filed or assessed on or against the above described lands and, in the event it exercises such option, it shall be obligated to the rights of any holder or holders thereof and may reimburse itself by applying to the discharge of any such mortgage, tax or other lien any royalty or rentals accruing hereunder.

19. The undersigned lessors, for themselves and their heirs, successors and assigns, hereby surrender and release all right of dower and homestead in the premises herein described, in so far as said right of dower and homestead may in any way affect the purposes for which the lease is made, as recited herein.

20. This lease and all its terms, conditions and stipulations shall extend to and be binding on the assignees, heirs, devisees and successors of lessor or lessee.

IN TESTIMONY WHEREOF, we sign this the 3rd day of March, 1971

WITNESSES:
Cecil E. Cope
Bob Bradshaw
Maria Bradshaw
Clarence P. Gandy
Clarence P. Gandy
Clarence P. Gandy
(SEAL)
(SEAL)
(SEAL)
(SEAL)

STATE OF ARIZONA

COUNTY OF MARICOPA

s.s.

BEFORE ME, the undersigned, a Notary Public, in and for said County and State on this 5 day of March, 1971, personally appeared Clifford H. Hays

and

_____ to me known to be the identical person _____, described in and who executed the within and foregoing instrument of writing and acknowledged to me that he duly executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

Clarence P. Hundry
Notary Public

My Commission Expires:

My Commission Expires Mar. 7, 1974

STATE OF ARIZONA

COUNTY OF MARICOPA

s.s.

BEFORE ME, the undersigned, a Notary Public, in and for said County and State on this 5 day of March, 1971, personally appeared William A. Friedman

and

_____ to me known to be the identical person _____, described in and who executed the within and foregoing instrument of writing and acknowledged to me that he duly executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

Clarence P. Hundry
Notary Public

My Commission Expires:

My Commission Expires Mar. 7, 1974

STATE OF ARIZONA

COUNTY OF MARICOPA

s.s.

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 5 day of March, 1971, personally appeared Robert E. Hays

and

_____ to me known to be the identical person _____, described in and who executed the within and foregoing instrument of writing and acknowledged to me that he duly executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

Clarence P. Hundry
Notary Public

My Commission Expires:

My Commission Expires Mar. 7, 1974

August 30, 1971

Mr. Cecil E. Cope
20 East Jefferson Street
Phoenix, Arizona 85030

Re: Cecil E. Cope #1 Bradshaw Fee
NW/4 NE/4 Sec. 34-T18N-R4E
Yavapai County
Our File #550

Dear Cecil:

Attached are two Designation of Operator Forms. If it is your decision to designate a different operator on your Bradshaw Fee #1, please sign and date these forms and return to this office. Should you decide to change operators, also furnish this office the mailing address and the name of the principal or principals that should be contacted for information on this well.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rib

Enc.

April 5, 1971

Mr. Cecil E. Cope
20 East Jefferson Street
Phoenix, Arizona 85030

Re: Cecil E. Cope #1 Bradshaw Fee
NW/4 NE/4 Sec. 34-T18N-R4E
Yavapai County
Our File #550

Dear Mr. Cope:

Attached is your approved drilling permit for the above well. We are also enclosing copies of our Organization Report. Please fill this form out in its entirety and return it to this office as quickly as possible. For your information instructions on handling samples are also enclosed.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA:jd
Enc.